



High Speed Precision Non Contact Spraying System Piezoelectric Jetting Dispensing Valve Can Handle Low Medium High Ultra High Viscosity Media

Basic Information

Place of Origin: China
Brand Name: Mingseal
Certification: ISO CE

Model Number: KPS4000 Piezoelectric Jetting Valve

Minimum Order Quantity:

Price: \$1-\$10000
Packaging Details: wooden box
Delivery Time: 5-60days

Payment Terms:
 L/C, D/A, D/P, T/T, Western Union,

MoneyGram

• Supply Ability: 10000



Product Specification

Highlight: Non Contact Spraying System,
 High Speed Spraying System,

Precision Spraying System



More Images



KPS4000 Series Piezoelectric Jetting Dispensing Valve

KPS4000 piezoelectric jet dispensing controller is a new generation of high-speed, precision, non-contact spraying system that can handle low, medium, high and ultra-high viscosity media. Depending on the application medium, this type can be UV, anti-corrosion, PUR Type etc. You can choose from the configuration.



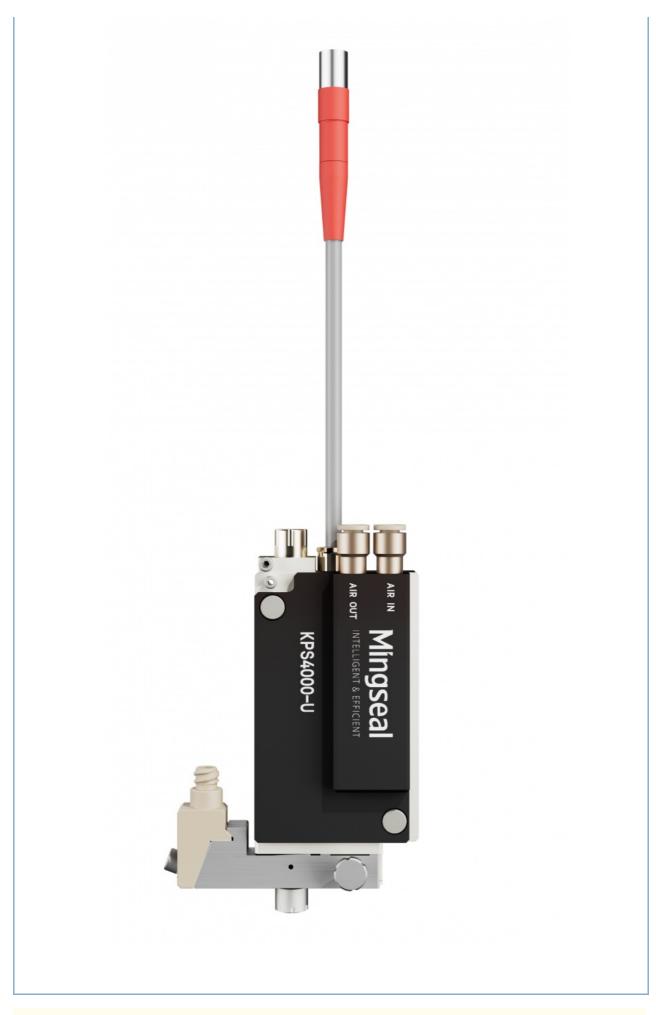
Features and Advantages

- 1. Reduce usage costs: Cancel the nozzle sealing seat + 1 sealing ring to reduce the cost of valve body consumables.
- 2. Improve maintenance convenience: adopt a new structural design of top calibration + nozzle position fixation to improve the stability of glue spraying and the convenience of process maintenance.
- 3. Optimize wiring space: Optimize the design of the piezoelectric valve control cable (2 control lines are merged into 1) to save wiring space.
- 4. Support online modification of process parameters: support fast switching of 10 channel parameters, and realize real-time switching of process parameters during operation through the external IO interface.
- 5. Precision glue control mode: smaller valve opening time (0.01ms), smaller delay time (0.1ms), more accurate glue spraying process parameters, and stable control of small glue amounts.
- 6. Online detection function of glue spraying pulse number: real-time monitoring of the number of glue spraying and the number of lost dots, which can facilitate the troubleshooting of signal loss problems with dispensing equipment.
- 7. Valve body closed-loop detection function: If there is an abnormal problem of missing points due to poor cable contact during the glue spraying process, detection and alarm reminders can be carried out.
- 8. Visual fault management: fault information is prompted in Chinese and English, providing accurate equipment fault location.

Technical Specification

KPS4000 Plezoelectric Jetting Valve		KPS4000 Plezoelectrie Jeting Valve Controller	
Supply Pressure Range	0.1 8 Bar	Rated Power Supply	AC 220V±20%
Viscosity Range	Medium and high viscosity up to 500000mpas	Dispensing time and min.step 0.01ms-6000.00ms,0.01ms	

Maimum Jetting Freq	1200Hz	Jetting Freq	1~1200Hz
Working Temp.Range	10 50°C	Display	TFT color screen
Corrosion Resistance	All water-based glue,organic	Parameters	10 sets
	solvents,weak acids and alkali	memory	10 3613
Valve Dimensions	125.5×40×20mm(w/o runner)	Reserved	Supporting STD.RS232/RS485 MODBUS
		Interface	RTU agreement
	125.5×75×20mm(runner	Controller	3.55KG
	assembled)	Weight	
Valve Weight	405g(with runner,w/o cable)	Controller	232×170×165mm
		Dimensions	232×170×10311111
Supply Pressure Range	0.1 8 Bar	Rated Power	275W



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